

Confidential Claim Retracted

AUTHORIZED BY: SC

DATE: 5/16/13

AIR QUALITY MONITORING PROGRAM

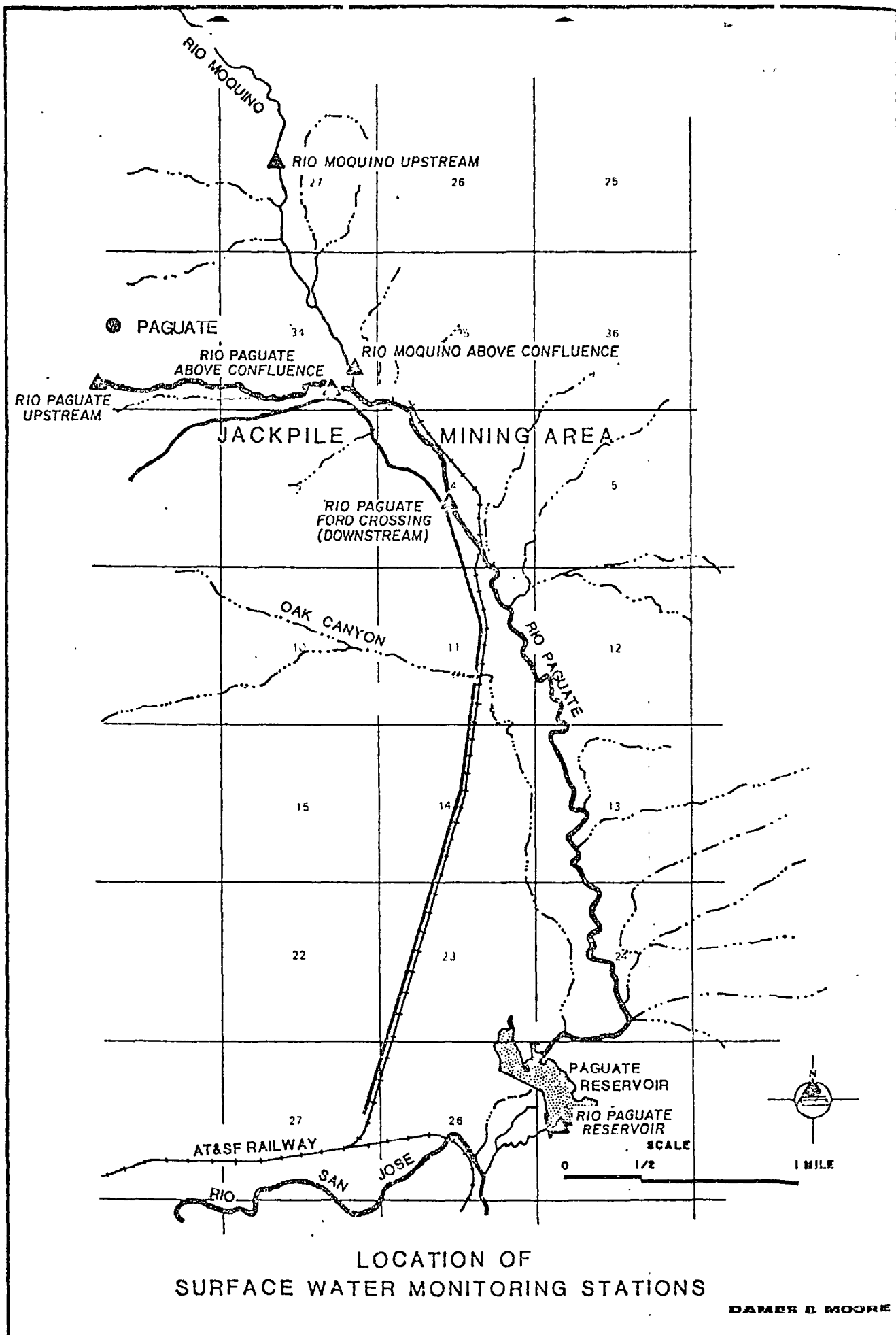
One 48-hour sample is taken each month at each of the four locations specified by Marc Nelson. They are collected about three meters above the ground on Whatman 41 filter paper, using a PAC Heavy-duty Sampler.

AMBIENT RADON STUDY

One 48-hour sample is collected at each of the air sampling locations as specified by Marc Nelson. These samples are collected about one meter above the ground in 30-liter Tedlar bags, using a modified aquarium pump. The samples are transported to the Environmental Laboratory, transferred to a scintillation cell, and counted.



9404240



JACKPILE - AIR SAMPLING SURVEY

FOURTH QUARTER, 1979

<u>LOCATION</u>	<u>DATE</u>	<u>Total Particulate mg/M<sup>3</sup> x 10<sup>-8</sup></u>	<u>U-Nat. uci/ml x 10<sup>-15</sup></u>	<u>Ra-226 uci/ml x 10<sup>-15</sup></u>	<u>Th-230 uci/ml x 10<sup>-15</sup></u>	<u>Pb-210 uci/ml x 10<sup>-15</sup></u>
1. Dump F	10/79	17.10	20.64	2.77	0.28	42.95
	11/79	0.23	16.55	1.08	2.94	23.20
	12/79	17.25	9.46	2.65	1.49	33.20
2. Mine Vent	10/79	1.80	12.48	0.75	1.17	14.24
	11/79	0.68	47.54	1.60	4.61	28.08
	12/79	1.49	2.82	0.42	0.42	7.31
3. West Gate	10/79	9.47	15.73	4.25	4.10	36.06
	11/79	NS	NS	NS	NS	NS
	12/79	1.04	8.25	5.07	3.19	23.17
4. Well #4	10/79	6.35	24.33	23.88	3.37	36.73
	11/79	3.00	16.48	0.98	2.28	24.47
	12/79	7.15	6.31	1.64	5.97	16.59

CONFIDENTIAL

POL-EPA01-0005199

JACKPILE - AMBIENT RADON STUDY

FOURTH QUARTER, 1979

<u>LOCATION</u>	<u>DATE</u>	<u>Rn-222 pCi/l</u>
1. Dump F.	10/79	0.35
	11/79	1.12
	12/79	1.28
2. Mine Vent	10/79	0.46
	11/79	1.56
	12/79	0.56
3. Well #4	10/79	0.55
	11/79	<0.10
	12/79	0.64
4. Westgate	10/79	0.27
	11/79	<0.10
	12/79	0.58



